MaxAttach™ network storage

NAS 4300

Network Storage You Can Use

MaxAttach NAS 4300 Storage Server

- Up to 640GB in 1U height
- PSM snapshot technology
- RAID 0, 1, and 5 data protection
- No client access license
- External SCSI port for local tape back-up
- Gigabit & dual 10/100 Ethernet ports
- Windows, UNIX/Linux, NetWare and Macintosh file sharing
- Microsoft® Windows Powered platform

The MaxAttach™ NAS 4300 storage server combines high-performance file sharing with the broadest interoperability and manageability in its class. With new data protection features, the NAS 4300 storage server sets a new standard for data availability as well.

MaxAttach Persistent Storage Manager (PSM) provides data protection by maintaining multiple "snapshots" of the file system. This allows system administrators to "go back in time" to restore files in the event of corruption or inadvertent deletion.

Because MaxAttach NAS 4300 is Windows® Powered, it fully integrates into Windows NT/2000 network environments including support for popular network management tools, backup agents, and anti-virus software.

At less than 2 cents per megabyte, and with an unlimited client access license, MaxAttach NAS 4300 offers high-performance disk storage at less than half the cost of general purpose servers.

Product Specifications

Pre-loaded, Pre-configured Software

Microsoft NAS Powered by Windows
Microsoft Backup
Microsoft Windows Services for NetWare 5.0
Microsoft Windows Services for UNIX
Persistent Storage Manager
Maxtor NAS 4300 Enhancements

Client Included Software

MaxNeighborhood™ Setup & Discovery Wizard
1Safe™ NAS Edition for MaxAttach (20 client license)

Software

File System:
- Up to 2 terabyte file sizes*
- Access Control Lists
- Disk quota
- Dynamic volume manager
- Journaling
- OS fail-over
- OS factory restore option
- Software RAID 0, 1 and 5
- Unicode
- Volume defragmenter
- Software Watchdog Timer

Network Transport Protocols:
- TCP/IP, IPX, AppleTalk

Network File Protocols:
- Apple (AFP)
- Internet (HTTP 1.1)
- Microsoft Networks (CIFS/SMB)
- Novell NetWare (NCP)
- UNIX (NFS v.3)

Network Security Clients:
- Microsoft NT Domain Controller (PDC)
- Microsoft Active Directory Service (ADS)
- UNIX Network Information Service (NIS)

Microsoft Windows Powered

Network Services:
- Clients: DFS, DHCP, DNS, and WINS
- Alert Email Notification
- HTTP 1.1
- SNMP v.3 and MIB II
- System and Security Logs
- Telnet
- Terminal Services Advance Client
- Upgradeable OS

Network System Support:
- Linux: Red Hat, SuSE, and most Linux derivatives
- Macintosh System 8.x, 9.x
- Microsoft Windows 95/98//Me/NT (SP5)/2000/XP
- Novell NetWare 3.x, 4.x, 5.x
- UNIX: SunOS and Solaris, and most UNIX derivatives

System Management:
- SNMP managers
- Web browser user interface
- DHCP

Anti-virus Support:
- McAfee Active VirusScan
- Symantec Norton AntiVirus
- Computer associates Inoculate*IT*

Firmware

ACPI/APM power management
BIOS virus protection
Boot drive fail-over
CPU temperature monitoring with overheat alarm

Network Backup Software Support

1Safe NAS Edition for MaxAttach
Computer Associates ArcServeIT/2000
Legato Networker (including agents)
Microsoft Backup
Veritas Backup Exec (including agents)

Hardware

Intel Pentium III 866MHz
384MB SDRAM
Copper Gigabit Ethernet interface
Dual Intel 82559 10/100 Base T Ethernet ports with fail-over and load balancing
Four Ultra ATA/100 Maxtor internal hard disk drives
Adaptec® AIC-7899 Ultra160 SCSI port
Uninterruptible power supply (UPS) support
OS Kernal Watchdog Timer
Software-controlled front power button
Rear main power switch
Front LEDs for power/status, network activity (2), disk activity
Rear LEDs for network transmit/ receive (2), link (2)
Audible warning speaker
Thermal control CPU fan
Dual high velocity drive cooling fans
19" rack-mountable 1U chassis

Physical

Dimensions:
- 17 x 20 x 1.75 inches (43.2 x 50.8 x 4.5 cm) (fits a standard 19" equipment rack; 1 rack-unit height)

Weight:
- 27 lbs. (12.3 kg)

Power requirements:
- Input rating 100-240V, 50-60Hz
- Input current: 6.0 A (RMS) for 115VAC
  3.0 A (RMS) for 230 VAC
- Typical operating power: 150 watts
- Maximum power consumption: 200 watts

Operating environment:
- 41° to 104° F (5° to 40° C)
- 5% to 85% humidity (non-condensing)
- Vibration: .25 G's at 5-500Hz, for 15 minutes

Non-operating environment:
- -4° to 140° F (-20° to 60° C)
- 5% to 95% humidity (non-condensing)
- Shock: 6 pulses of 95 G's up to 2.5 ms duration

Agency Certifications

BSMI, CISPR class B, CB, CE, CSA, FCC Class B, UL, C-UL, TUV, VCCI

Warranty

3-year hardware parts and labor
24x7 toll-free technical support

Ordering Information

See **www.maxtor.com** for the most current information

About Maxtor

Maxtor Corporation (NYSE:MXO) is a leading supplier of information storage solutions. In addition to the MaxAttach family of network-attached storage servers, the company's award-winning products include Maxtor hard disk drives for desktop computers and Maxtor 1394 External Storage™. Maxtor's leadership position has been built by consistently providing leadership products, and by delivering high levels of quality and support for its customers. More information about Maxtor and its products can be found at **www.maxtor.com** *or by calling toll-free* **1-866-MAX-TACH**. In Europe, call *+353 1 204 1111 (Ireland) or e-mail us at EuroNSG@maxtor.com. In Asia Pacific, call +852-2585-4500 or e-mail ApacNSG@maxtor.com.*

*Not a statement of device capacity. A megabyte is defined as 1,000,000 bytes. A gigabyte is defined as 1,000,000,000 bytes. Total accessible capacity varies depending on operating environment.

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